



US006723340B2

(12) **United States Patent**
Gusler et al.

(10) **Patent No.:** US 6,723,340 B2
(b) **Date of Patent:** Apr. 20, 2004

(54) **OPTIMAL POLYMER MIXTURES FOR GASTRIC RETENTIVE TABLETS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **10/029,134**

(22) Filed: **Oct. 25, 2001**

(65) **Prior Publication Data**

US 2003/0104053 A1 Jun. 5, 2003

(51) **Int. Cl.⁷** **A61K 9/22; A61K 47/34;**
A61K 47/38

(52) **U.S. Cl.** **424/468; 424/486; 424/488**

(58) **Field of Search** 424/486, 480,
424/468, 488; 514/866, 635, 722.3, 781

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(57) **ABSTRACT**

Unit dosage form tablets for the delivery of pharmaceuticals are formed of the pharmaceutical dispersed in a solid unitary matrix that is formed of a combination of poly(ethylene oxide) and hydroxypropyl methylcellulose. The combination offers unique benefits in terms of release rate control and reproducibility while allowing both swelling of the tablet to effect gastric retention and gradual disintegration of the tablet to clear the tablet from the gastrointestinal tract after release of the drug has occurred.

19 Claims, 3 Drawing Sheets

